NITFS
Compliance Registration

Product: Enterprise Image Access Solutions (E-IAS)
Compressor Version 1.5.2

Sponsor: ITT Visual Information Solutions

Developer: ITT Visual Information Solutions

Date: 02 June 2010
Expiration: 01 June 2012
Registration #: 3018

- ☑ Initial Registration
- ☐ Supplemental/Update #
- ☐ Derived from Reg. #

☐ **System** N-0105/98, §4.1.1

☐ **Product** N-0105/98, §4.1.2

☑ **Component** N-0105/98, §4.1.3

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- Intel Core i7 CPU, 2.67GHz, Fedora release 10 (Cambridge)

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
NITF
- ● ● 2.1
- ● ○ 2.0
- ○   1.1
NSIF
- ○ ○ 1.0

Pixel Value Types
- ○ ○ Boolean
- ● ● Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ○ ○ Bit Mapped **
- ○ ○ CGM, 2301
- ● ● CGM, 2301A
- ○ ○ Labels **

Text Segments
- ● ● STA
- ○ ○ UT1
- ○ ○ U8S
- ○ ○ MTF

Image Segment Types
- ● ● MONO
- ● ● RGB
- ○ ○ RGB/LUT
- ○ ○ YCbCr
- ● ● MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ● ○ No Compression
- ● ○ JPEG Lossy, 8-bit
- ● ○ JPEG Lossy, 12-bit
- ● ○ JPEG Downsample
- ● ○ JPEG Lossless
- ● ● JPEG 2000
- ○ ○ Bi-Level
- ● ○ Vector Quantization

Data Extension Segments
- ● ● TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ○ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ● ● J2KLRA

Legend
Interpret Generate
- ● ● Fully implemented
- ● ● Partially implemented
- ○ ○ Not implemented

Valerie Baker, Lt Col, USAF, Portfolio Chief Joint Interoperability Test Command Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program